

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015582.D
 Acq On : 08 Apr 2020 20:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 4/9/2020 9:54:54 AM

Quant Time: Apr 09 08:20:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1020367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1573093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1476000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	816646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	697275	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
35) Dibromofluoromethane	5.47	113	513178	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	8.70	98	1877668	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.12	95	777111	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	432757	48.140	ug/l	100
3) Chloromethane	1.31	50	508829	44.446	ug/l	98
4) Vinyl Chloride	1.39	62	515550	49.044	ug/l	98
5) Bromomethane	1.62	94	214953	43.272	ug/l	98
6) Chloroethane	1.70	64	324869	49.830	ug/l	100
7) Trichlorofluoromethane	1.91	101	722109	51.223	ug/l	99
8) Diethyl Ether	2.17	74	291308	48.991	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	460058	50.060	ug/l	99
10) Methyl Iodide	2.49	142	483793	39.045	ug/l	100
11) Tert butyl alcohol	3.02	59	761173	220.975	ug/l	99
12) 1,1-Dichloroethene	2.36	96	458791	47.625	ug/l	97
13) Acrolein	2.27	56	644323	328.368	ug/l	100
14) Allyl chloride	2.70	41	1008097	44.786	ug/l	98
15) Acrylonitrile	3.12	53	1519218	231.267	ug/l	100
16) Acetone	2.42	43	1401596	226.694	ug/l	98
17) Carbon Disulfide	2.55	76	1269594	43.202	ug/l	99
18) Methyl Acetate	2.75	43	748955	47.462	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1752892	46.916	ug/l	100
20) Methylene Chloride	2.83	84	527967	45.717	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	500750	46.838	ug/l	99
22) Diisopropyl ether	3.83	45	1903048	47.712	ug/l	97
23) Vinyl Acetate	3.79	43	8411232	232.914	ug/l	99
24) 1,1-Dichloroethane	3.67	63	976248	46.487	ug/l	99
25) 2-Butanone	4.64	43	2235435	224.820	ug/l	97
26) 2,2-Dichloropropane	4.56	77	745391	43.242	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	594357	48.052	ug/l	99
28) Bromochloromethane	4.98	49	474091	47.283	ug/l	95
29) Tetrahydrofuran	5.09	42	1453599	227.401	ug/l	99
30) Chloroform	5.18	83	969948	48.007	ug/l	95
31) Cyclohexane	5.55	56	871087	47.815	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	896136	49.010	ug/l	99
36) 1,1-Dichloropropene	5.77	75	718830	49.594	ug/l	99
37) Ethyl Acetate	4.80	43	889125	47.112	ug/l	100
38) Carbon Tetrachloride	5.76	117	783775	49.926	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	844343	50.523	ug/l	99
40) Benzene	6.12	78	2100258	49.467	ug/l	98
41) Methacrylonitrile	5.01	41	511605	48.833	ug/l	99
42) 1,2-Dichloroethane	6.17	62	853661	50.055	ug/l	100
43) Isopropyl Acetate	6.42	43	1505320	47.250	ug/l	99
44) Trichloroethene	7.19	130	578926	49.997	ug/l	99
45) 1,2-Dichloropropane	7.50	63	568377	48.936	ug/l	99
46) Dibromomethane	7.64	93	371080	48.704	ug/l	97
47) Bromodichloromethane	7.88	83	794763	48.955	ug/l	99
48) Methyl methacrylate	7.75	41	767591	48.236	ug/l	99
49) 1,4-Dioxane	7.72	88	287722	969.218	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4450085	246.472	ug/l	100
52) Toluene	8.77	92	1334566	50.984	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	882668	46.358	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	928016	47.847	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	546025	50.914	ug/l	98
56) Ethyl methacrylate	9.16	69	922444	48.805	ug/l	99
57) 1,3-Dichloropropane	9.36	76	935967	48.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2290537	249.151	ug/l	99
59) 2-Hexanone	9.48	43	3395920	249.128	ug/l	100
60) Dibromochloromethane	9.57	129	628406	48.763	ug/l	98
61) 1,2-Dibromoethane	9.65	107	578090	49.574	ug/l	98
64) Tetrachloroethene	9.32	164	560328	50.303	ug/l	96
65) Chlorobenzene	10.12	112	1455154	49.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	581402	49.440	ug/l	100
67) Ethyl Benzene	10.24	91	2580586	49.430	ug/l	100
68) m/p-Xylenes	10.34	106	1986020	102.160	ug/l	98
69) o-Xylene	10.68	106	962869	50.123	ug/l	99
70) Styrene	10.70	104	1652301	48.879	ug/l	99
71) Bromoform	10.84	173	508435	47.493	ug/l #	100
73) Isopropylbenzene	11.01	105	2587679	48.360	ug/l	99
74) N-amyl acetate	10.89	43	1308097	43.954	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	835886	45.526	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	768159m	45.741	ug/l	
77) Bromobenzene	11.24	156	694967	48.692	ug/l	94
78) n-propylbenzene	11.35	91	2928009	47.855	ug/l	100
79) 2-Chlorotoluene	11.40	91	1762740	47.004	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2182078	47.750	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	285430	40.782	ug/l	97
82) 4-Chlorotoluene	11.49	91	2073369	47.161	ug/l	99
83) tert-Butylbenzene	11.76	119	2171948	48.658	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2227757	47.839	ug/l	100
85) sec-Butylbenzene	11.93	105	2457969	47.613	ug/l	98
86) p-Isopropyltoluene	12.05	119	2355545	49.150	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1237452	48.431	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1238497	47.587	ug/l	99
89) n-Butylbenzene	12.37	91	2067983	47.750	ug/l	99
90) Hexachloroethane	12.58	117	419974	45.023	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	1239431	49.567	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	220047	42.462	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	928007	46.919	ug/l	97
94) Hexachlorobutadiene	13.76	225	430232	45.687	ug/l	97
95) Naphthalene	13.82	128	2867257	47.524	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	960833	50.456	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

